

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Hiroyuki SHIMADA

APPLICANT: Seiko Epson Corporation

U.S.S.N.: Not Yet Assigned

ART UNIT: Not Yet Assigned

FILED: HERewith

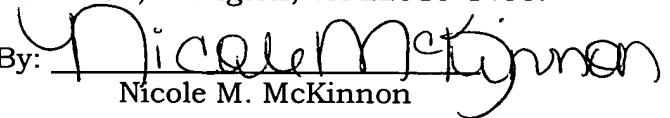
EXAMINER: Not Yet Assigned

FOR: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

CERTIFICATE OF EXPRESS MAILING (Label No.: EV 342614317 US)

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on October 3, 2003 and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By:


Nicole M. McKinnon

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on Form PTO-1449, attached hereto.

Inventor(s): Hiroyuki SHIMADA
Attorney Docket No.: 59521 (48229)
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II. COPIES

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. , filed on . The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. X A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
English Abstracts for JP 2002-083805A,
JP 11-168212A & JP 05-102090A are attached. Also, these references are discussed in the Background of the Invention section of the present application. Note that the 2002/0006705 A1 reference is the U.S. counterpart application to the JP 2002-083805 reference.
- c. The following additional information is provided for the Examiner's consideration:

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

- a. X within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

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- c. ☐ Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
or
b. ☐ See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining

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information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

_____ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.


 X No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: October 3, 2003
Customer No.: 21874

By:



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Information Disclosure Statement PTO - 1449		Atty. Docket No:		Serial No.		
		59521 (48229)		Not Yet Assigned		
		Applicant(s): Hiroyuki SHIMADA				
		Filing Date		Art Unit		
		HEREWITH		Not Yet Assigned		
UNITED STATES PATENT DOCUMENTS						
Exam. Initials	Ref. No.	Document Number	Date	Inventor(s)	Class	Filing Date
	AA	5,100,505	03/31/1992	Cathey, Jr.	156/643	10/18/90
	AB	US 2002/0006705 A1	01/17/02	Suzawa, et al.	438/279	05/10/01
FOREIGN PATENT DOCUMENTS						
Exam. Initials	Ref. No.	Document Number	Date	Country or Office	Class	Translation
	BA	11-168212A	06/22/99	JAPAN	H01L	Abstract
	BB	2002-083805	03/22/02	JAPAN	H01L	Abstract
	BC	05-102090	04/23/93	JAPAN	H01L	Abstract
OTHER DOCUMENTS (INCL. TITLE, AUTHOR, DATE, PAGES, ETC)						
Exam. Initials	Ref. No.					
Examiner:				Date:		